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connected to the fourth diode D4 defines a second connection
of the load-dependent DC voltage source.--

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In the Claims:

Claim 1 (amended). A circuit configuration, comprising:

an AC voltage input terminal and an AC voltage output
terminal;

a plurality of frequency domain filter paths defined between
said AC voltage input terminal and said AC voltage output
terminal, and connected in parallel between a common first
node and a common second node both coupled to a DC voltage
connection;

each of said frequency domain filter paths containing at
least one bandpass filter [according to claim 1] connected
in series with a first diode and a second diode connected in
opposite forward direction from said first diode;

said at least one bandpass filter including:

a bandpass filter input and a bandpass filter output;

a series circuit connected between said bandpass filter
input and said bandpass filter output, said series
circuit being formed of a first capacitor, a first

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parallel LC element connected to said first capacitor,
a second capacitor connected to said first parallel LC
element, and an inductor connected to said second
capacitor;

a second parallel LC element having a first connection
connected to a node between said first parallel LC
element and said second capacitor and a second
connection coupled to a fixed reference-ground
potential via a third capacitor; and

a third parallel LC element having a first connection
connected to a node between said second capacitor and
said inductor and a second connection coupled to the
fixed reference-ground potential;

each of said frequency domain filter paths containing a switching unit for switching said first and said second diode in said frequency domain filter path [during an operation of the circuit configuration for turning a respective one of said bandpass filters];

a third diode having a first terminal connected to said first node and a fourth diode having a first terminal connected to said second node of said frequency domain filter paths, such that a respective cathode of said third